



*National Aeronautics and Space Administration
Goddard Earth Science Data Information and
Services Center (GES DISC)*

README Document for

Global methane fluxes optimized with GOSAT data for 2010-2018 V1

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Goddard Earth Sciences Data and Information Services Center (GES DISC)
<http://disc.gsfc.nasa.gov>
NASA Goddard Space Flight Center
Code 610.2
Greenbelt, MD 20771 USA

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1.0 Introduction

The Global methane fluxes optimized with GOSAT data for 2010-2018 V1 consists of products generated for the *Carbon Monitoring System (CMS) project*.

Information about this dataset can be found on the dataset landing page
doi:10.5067/FPKC6Q6SGWE0 and in Zhang et al. 2021.

2.0 Data Organization

This dataset consists of one netCDF file named GlobalInv_GOSAT_CH4Flux_2010-2018_v1.nc.

The non-wetland flux data is on a 4x5 degree grid with just one time step and the wetland emission data is for 14 different wetland regions with 108 time steps from January 2010 through December 2018.

3.0 GES DISC Data Services

If you need assistance or wish to report a problem:

Email: gsfc-dl-help-disc@mail.nasa.gov

Voice: 301-614-5224

Fax: 301-614-5268

Address:

Goddard Earth Sciences Data and Information Services Center NASA Goddard Space Flight Center Code 610.2 Greenbelt, MD 20771 USA

4.0 References

Zhang, Y. and Jacob, D. J. and Lu, X. and Maasakkers, J. D. and Scarpelli, T. R. and Sheng, J.-X. and Shen, L. and Qu, Z. and Sulprizio, M. P. and Chang, J. and Bloom, A. A. and Ma, S. and Worden, J. and Parker, R. J. and Boesch, H., 2021, Atmospheric Chemistry and Physics, 21, 3643-2021